Attorney Docket No. 3313-1127P

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title:	HIGH DENSITY THERMAL RECORDING AND MAGNETIC READING RECORDING MEDIUM AND SYSTEM						
Fill in Appropriate Information - For Use Without Specification Attached:	the specification of which is attached hereto. If not attached hereto, the specification was filed on United States Application Number and amended on the specification was filed on International Application Number amended under PCT Article 19 on					(if applicable)l and/or as PCT ; and was	
	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the clair amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Fe Regulations, §1.56. I do not know and do not believe the same was ever known or used in the United States of America before my or our invethereof, or patented or described in any printed publication in any country before my or our invention thereof or more that year prior to this application, that the same was not in public use or on sale in the United States of America more than one prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued beform date of this application in any country foreign to the United States of America on an application filed by me or my representative or assigns more than twelve months (six months for designs) prior to this application, and that no application patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to application by me or my legal representatives or assigns, except as follows. I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate has filling date before that of the application on which priority is claimed:						
Insert Priority	Prior Foreign Appl	ication(s)			Priority Claimed		
Information: (if appropriate)	92135604 (Number)	Taiwan, R. (Country)	O.C.	<u>December 16</u> (Month/Day	, 2003 /Year Filed)	⊠ Yes	□ No
	(Number)	(Country)		(Month/Day	/Year Filed)	☐ Yes	□ No
	(Number)	(Country)		(Month/Day	/Year Filed)	☐ Yes	□ No
	(Number)	(Country)		(Month/Day/Year Filed)		☐ Yes	□ No
	I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.						
Insert Provisional Application(s): (if any)	(Application Number) (Filing Date)						
	(Application Number) (Filing Date)						
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:						
	Country		Application Number		Date of Filing (Month/Day/Year)		
Insert Requested Information: (if appropriate)				-			
	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.						
Insert Prior U.S. Application(s): (if any)	(Application Number)	(Filing Date)		(Status - patented, pend	ding, abandone	ed)
Page 1 of 2	(Application Number)	(Filing Date)		(Status - patented, pend	ding, abandone	ed)

Attorney Docket No.

I hereby appoint the following attorneys to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary:

(Reg. No. 19,382) Raymond C. Stewart (Reg. No. 21,066) Terrell C. Birch James M. Slattery (Reg. No. 28,380) Joseph A. Kolasch (Reg. No. 22,463) (Reg. No. 24,448) (Reg. No. 29,680) Bernard L. Sweeney Michael K. Mutter (Reg. No. 28,977) (Reg. No. 29,271) Gerald M. Murphy, Jr. Charles Gorenstein Leonard R. Svensson (Reg. No. 30,330) Terry L. Clark (Reg. No. 32,644) (Reg. No. 32,868) (Reg. No. 32,181) Andrew D. Meikle Marc S. Weiner (Reg. No. 32,350) Joe McKinney Muncy(Reg. No. 32,334) C. Joseph Faraci John W. Bailey Donald J. Daley (Reg. No. 34,313) (Reg. No. 32,881) (Reg. No. 35,094) John A. Castellano

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may

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PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

Full Name of First or Sole Inventor: Insert Name of Inventor _____

Inventor Insert Date This Document is Signed

Insert Citizenship

Insert Post Office Address

Full Name of Second Inventor, if any: see above

Full Name of Third Inventor, if any: see above

Full Name of Fourth Inventor, if any: see above

Full Name of Fifth Inventor, if any: jeopardize the validity of the application or any patent issued thereon. DATE* GIVEN NAME/FAMILY NAME INVENTOR'S SIGNATURE Der-Ray HUANG CITIZENSHIP Residence (City, State & Country) Taiwan, R. O. C. Hsinchu, Taiwan, R. O. C. POST OFFICE ADDRESS (Complete Street Address including City, State & Country) No. 195, Sec. 4, Chung-Hsing Rd., Chu-Tung, Hsinchu, Taiwan, R. O. C. GIVEN NAME/FAMILY NAME **INVENTOR'S SIGNATURE** DATE* Po-Cheng KUO CITIZENSHIP Residence (City, State & Country) Taiwan, R. O. C. Hsinchu, Taiwan, R. O. C. POST OFFICE ADDRESS (Complete Street Address including City, State & Country) No. 195, Sec. 4, Chung-Hsing Rd., Chu-Tung, Hsinchu, Taiwan, R. O. C **INVENTOR'S SIGNATURE** DATE! GIVEN NAME/FAMILY NAME Jan. 30, 2004 Chao-Te LEE Chao-Te CITIZENSHIP Residence (City, State & Country) Hsinchu, Taiwan, R. O. C. Taiwan, R. O. C. POST OFFICE ADDRESS (Complete Street Address including City, State & Country) No. 195, Sec. 4, Chung-Hsing Rd., Chu-Tung, Hsinchu, Taiwan, R. O. C. INVENTOR'S SIGNATURE DATE GIVEN NAME/FAMILY NAME Tzuan-Ren JENG 2004 Residence (City, State & Country) CITIZENSHIP Hsinchu, Taiwan, R. O. C. Taiwan, R. O. C. POST OFFICE ADDRESS (Complete Street Address including City, State & Country) No. 195, Sec. 4, Chung-Hsing Rd., Chu-Tung, Hsinchu, Taiwan, R. O. C. GIVEN NAME/FAMILY NAME INVENTOR'S SIGNATURE DATE* CITIZENSHIP Residence (City, State & Country) POST OFFICE ADDRESS (Complete Street Address including City, State & Country)

*DATE OF SIGNATURE

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